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*North America's Leader in Hazardous Material Information Management*  
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## MSDS PRODUCT INFORMATION

Date: 10/07/2005  
To: MSDS Requester  
From: 3E Company  
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☐ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☒ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☐ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Armstrong World Industries, Inc.  
Product Name: Armstrong S-402 Excelon Floor Stripper

# MATERIAL SAFETY DATA SHEET

**Armstrong**

**S-402**

Prepared 11/98

Armstrong World Industries, Inc.  
P.O. Box 3209  
Lancaster, PA 17604  
(717) 396-2328 or (717) 396-2935

## I. PRODUCT IDENTIFICATION

Name: Armstrong S-402 Excelon Floor Stripper  
Description: Water-dispersed alkaline floor stripper

## II. DEPARTMENT OF TRANSPORTATION INFORMATION

Shipping name: Not classified Hazard Class: N/A ID #: N/A  
EMERGENCY ONLY CONTACT: CHEM-TEL 800-255-3924

## III. HMIS (0=minimal hazard; 4=severe hazard)

Health = 3 Flammability = 0 Reactivity = 0

## IV. PRODUCT CONTENT

This product contains chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372. All components are on TSCA inventory.

## V. HAZARDOUS INGREDIENTS

(Chemical Identity: Common Name)	C.A.S. No.	%	OSHA PEL	ACGIH TLV
2-Butoxyethanol	111-76-2	6	25 ppm (Skin)	25 ppm (Skin)
Sodium Metasilicate	6834-92-0	8	N/A	N/A
Monoethanolamine	141-43-5	8	3 ppm STEL: 6 ppm	3 ppm STEL: 6 ppm

## VI. PHYSICAL DATA

Appearance: Very pale yellow, slightly hazy Boiling Point (degrees F): N/K. Vapor Pressure (mm Hg @ 20 degrees C): N/K. Vapor Density (Air = 1): N/K. Solubility in Water: Completely soluble. Specific Gravity (H<sub>2</sub>O = 1): 1.05. Percent Volatile by Weight (30 min. @ 275 degrees F): 90. Evaporation Rate (Butyl Acetate = 1): N/K. pH: 12.5

## VII. FIRE AND EXPLOSION HAZARD DATA

Flash Point: None to 230° F (Setflash Closed Tester) Flammable Range: LEL = N/A; UEL = N/A. Extinguishing Media: N/A. Special Fire Fighting Procedures: N/A. Unusual Fire and Explosion Hazards: None

## VIII. HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: Ingestion and direct skin/eye contact. TARGET ORGANS: Skin and eyes. EFFECTS OF OVEREXPOSURE: SKIN AND EYES. Causes eye and skin burns. May cause permanent eye damage if not treated promptly. INHALATION: Normal end-product use does not present an inhalation hazard. INGESTION: Harmful if swallowed. May cause burns of the mouth, throat and digestive tract. CARCINOGENICITY: NTP: No; IARC Monographs: No; OSHA Regulated: No. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Existing skin conditions. FIRST AID PROCEDURES: SKIN AND EYES: Flush eyes with plenty of water continuously for at least 15 minutes. If wearing contact lenses, they must be removed immediately and flushing continued. Get immediate medical attention. For skin contact, flush well with water. If spilled on clothing, remove and launder before wearing again. INHALATION: None required. INGESTION: Immediately call physician or a Poison Control Center for assistance.

## IX. REACTIVITY DATA

Stability: Stable. Incompatibility: N/K. Hazardous Decomposition Products: N/K. Hazardous Polymerization: Will not occur.

## X. SPILL OR LEAK PROCEDURES

Wear eye protection and rubber or latex gloves to avoid eye and skin contact. Mop up, or otherwise pick up product with absorbing materials. Rinse area with clean, cold water; then dry. WASTE DISPOSAL METHOD: Do not reuse container. Dispose of container and any unused contents in accordance with Federal, State and Local Waste Disposal Regulations. Do not flush unused contents or residue down drains.

## XI. SPECIAL HANDLING AND USE INFORMATION

VENTILATION: Normal ambient air circulation or ventilation is adequate. RESPIRATORY PROTECTION: Should not be required. SKIN AND EYE PROTECTION: Avoid contact with eyes and skin. Spectacle-type glasses with sideshields or chemical splash goggles and latex or rubber gloves are recommended. Contaminated clothing should be immediately removed and not reworn until laundered. While on banded knees, do not kneel in product or solution of product.

## XII. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep out of reach of children. Keep from freezing. OTHER PRECAUTIONS: Avoid eye and skin contact with the undiluted product. Avoid eye contact and prolonged skin contact with the product after dilution.

The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this products.

N/A - not applicable or not available

N/K - none known or not known